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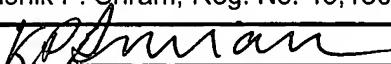
## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/616,557	
	Filing Date	July 9, 2003	
	First Named Inventor	John P. Castagna et al.	
	Art Unit	N/A; Confirmation No. 2801	
	Examiner Name	N/A	
Total Number of Pages in This Submission	4	Attorney Docket Number	GTI-1539

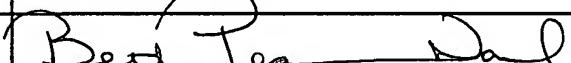
ENCLOSURES (Check all that apply)			
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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Kaushik P. Sriram, Reg. No. 43,150		
Signature			
Date	November 20, 2003		

### CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name	Beth Pearson-Naul		
Signature		Date	November 20, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: John P. Castagna et al.	§	Group Art Unit: N/A
SERIAL NO.: 10/616,557	§	
FILED: July 9, 2003	§	Examiner: Not Assigned
TITLE: "Determination of Fluid Properties of Earth Formations Using Stochastic Inversion"	§	Confirmation No.: 2801
	§	Atty Docket No.: GTI-1539

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## INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the references listed on the attached Form PTO-1449 be considered by the Examiner and made of record.

This Information Disclosure Statement is not to be considered as a representation that a search has been made or that no other material information as defined under 37 C.F.R. § 1.56(a) exists. The information disclosure statement submitted herewith is being filed before the mailing date of the first office action for this application.

The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 13-0010 (GTI-1539).

Respectfully submitted,

Dated: November 20, 2003

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this paper, along with any referred to as being attached or enclosed, is being forwarded to MAIL STOP: DD, Commissioner for Patents, P. O. Box 1450, Alexandria, Virginia 22313-1450, via the United States Postal Service, First Class Mail, prepaid on the 20th day of November, 2003.

By: Beth Pearson-Naul  
Beth Pearson-Naul



		ATTY. DOCKET NO.	SERIAL NO.
		GTI-1539	10/616,557
INFORMATION DISCLOSURE STATEMENT		APPLICANT	
		John P. Castagna et al.	
(Use several sheets if necessary)		FILING DATE	GROUP / CONFIRMATION
		July 9, 2003	N/A / 2801

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,817,060	03/28/89	Smith	367	52	05/26/87
	AB	4,858,200	08/15/89	Goins	367	75	09/21/87
	AC	4,858,201	08/15/89	Goins et al.	367	75	09/21/87
	AD	4,995,007	02/19/91	Corcoran et al.	367	52	12/21/89
	AE	5,001,677	03/19/91	Masters	367	68	10/16/89
	AF	5,440,525	08/08/95	Dey-Sarkar et al.	367	52	10/25/93
	AG	5,583,825	12/10/96	Carrazzone et al.	367	31	09/02/94

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AH						
	AI						
	AJ						

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

AK	Gary Mavko et al.; <i>A rock physics strategy for quantifying uncertainty in common hydrocarbon indicators</i> , Geophysics, Vol. 63, No. 6, (November-December 1998), pp. 1997-2008, 13 Figs.
AL	Amos Nur et al.; <i>Critical porosity: A key to relating physical properties to porosity in rocks</i> , The Leading Edge, March 1998, pp. 357-362, 14 Figs.
AM	Luther White et al.; <i>Stochastic fluid modulus inversion</i> , Geophysics, Vol. 67, No. 6 (November-December 2002), pp. 1835-1843, 9 Figs., 3 Tables.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line though citation if not in conformance and not considered. Include copy of this form with next comment to applicant



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INFORMATION DISCLOSURE STATEMENT		APPLICANT John P. Castagna et al.	
(Use several sheets if necessary)		FILING DATE July 9, 2003	GROUP / CONFIRMATION N/A / 2801

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BA		6,302,221	10/16/01	Hamman et al.	175	50	05/31/00
BB							
BC							
BD							
BE							
BF							
BG							

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES   NO
BH							
BI							
BJ							

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

BK	W. W. Symes et al.; <i>Velocity inversion by differential semblance optimization</i> , Geophysics, Vol. 56, No. 5 (May 1991), pp. 654-663, 5 Figs.
BL	W. J. Ostrander; <i>Plane-wave reflection coefficients for gas sands at nonnormal angles of incidence</i> , Geophysics, Vol. 49, No. 10 (October 1984), pp. 1673-1648, 20 Figs., 1 Table.
BM	

EXAMINER	DATE CONSIDERED
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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line though citation if not in conformance and not considered. Include copy of this form with next comment to applicant